Closed Topic Search

Enter terms
Search

Reset   Sort By: Title (ascending)

- Relevancy (descending)
- Title (descending)
- Open Date (descending)
- Close Date (descending)
- Release Date (descending)

NOTE: The Solicitations and topics listed on this site are copies from the various SBIR agency solicitations and are not necessarily the latest and most up-to-date. For this reason, you should visit the respective agency SBIR sites to read the official version of the solicitations and download the appropriate forms and rules.

Displaying 1 - 10 of 100 results

1. [MDA12-003: 3G and 4G Communication System Interference Remediation Techniques](#)

   Release Date: 04-24-2012Open Date: 05-24-2012Due Date: 06-27-2012Close Date: 06-27-2012

   OBJECTIVE: This research seeks novel algorithms and signal processing techniques that will minimize Aegis-to-3G&4G and 3G&4G-to Aegis interference. Space-time, adaptive and other approaches are sought for broadest utility and generality. DESCRIPTION: The Missile Defense Agency (MDA) is seeking the development of novel RF modulation, timing and phasing as well as orthogonal and bi-static ...

   SBIR Missile Defense Agency

2. [MDA12-014: Acquisition, Tracking and Pointing Technologies for High Energy Laser Applications](#)

   Release Date: 04-24-2012Open Date: 05-24-2012Due Date: 06-27-2012Close Date: 06-27-2012

   OBJECTIVE: Develop and demonstrate advanced and innovative components, algorithms and electronics supporting next generation acquisition, tracking and pointing (ATP) sensor and jitter control technologies to provide support to future missile defense missions using significantly less components than traditional applications. Even though ATP is a broad topic, the MDA focus areas for this year are ...

   SBIR Missile Defense Agency

3. [MDA15-001: Advanced Cognition Processing and Algorithms for Improved Identification](#)

   Release Date: 04-24-2015Open Date: 05-22-2015Due Date: 06-24-2015Close Date: 06-24-2015

   Fixed measurements, features, and classifiers preclude systems from changing decision logic based on new information collected during an engagement, since tactical operational environments are often different from those used to collect or generate sample data. This potentially causes sensor bias thus ultimately impacts object classification. In addition, the sample data may vary form the actual da ...

   SBIR Missile Defense AgencyDepartment of Defense

4. [MDA13-015: Advanced Hit Detection Systems](#)

   Release Date: 04-24-2013Open Date: 05-24-2013Due Date: 06-26-2013Close Date: 06-26-2013

   OBJECTIVE: Design, develop and ground test advanced hit detection systems (HDSs) applicable to multi-fragment blast kill devices, and/or very high speed intercepts with assured transmission of hit location to the ground. DESCRIPTION: Weapon systems that utilize a kinetic impact to damage a target rely on the accuracy of the aiming system. As a result, the accurate measurement of a weapon ...

   SBIR Missile Defense Agency

5. MDA13-032: Advanced Liquid Propellants for Insensitive Munitions Compliant Interceptor Systems

Release Date: 04-24-2013Open Date: 05-24-2013Due Date: 06-26-2013Close Date: 06-26-2013

OBJECTIVE: Develop and demonstrate liquid propellant formulations that meet Department of Defense (DoD) Insensitive Munitions (IM) requirements while maintaining high performance capability. The goal is to develop and demonstrate liquid propellants for advanced interceptor systems (boosters and Divert and Attitude Control Systems (DACS)) that can be proven to be safe for storage, handling, transp ...

SBIR Missile Defense Agency

6. MDA13-031: Advanced Solid Propellants for Insensitive Munitions Compliant Interceptor Systems

Release Date: 04-24-2013Open Date: 05-24-2013Due Date: 06-26-2013Close Date: 06-26-2013

OBJECTIVE: Develop and demonstrate solid propellant formulations for large solid rocket motors (SRM) (21"diameter and up) that meet Department of Defense (DoD) insensitive munitions (IM) and MIL-STD-2105D requirements as well as 1.3C or better hazard classification while maintaining high performance capability. DESCRIPTION: Defending against current and future ballistic missile threats re ...

SBIR Missile Defense Agency

7. MDA12-012: Advanced Techniques for Lossless Compression of Target Vehicle Telemetry

Release Date: 04-24-2012Open Date: 05-24-2012Due Date: 06-27-2012Close Date: 06-27-2012

OBJECTIVE: Help offset the limited bandwidth for vehicle telemetry against the increasing requests for addition telemetered truth information by using new mathematical techniques developed for video and audio or related applications and applying to telemetry encoding. A generalized methodology which can be adapted to imagery, health and status information, inertial measurement or global position ...

SBIR Missile Defense Agency

8. MDA12-025: Affordable Reinforced Polymer Composite Structures with Embedded Electrical Interfaces

Release Date: 04-24-2012Open Date: 05-24-2012Due Date: 06-27-2012Close Date: 06-27-2012

OBJECTIVE: Develop and demonstrate carbon fiber reinforced polymer (CFRP) composite missile structures with incorporated power and signal transporting capability throughout a weapon system and to system subcomponents. These technologies should be affordable and yield increased volumetric efficiency, reduced maintenance requirements, improved

reliability, and reduced system weight. Additionally, t ...

SBIR Missile Defense Agency

9. MDA12-029: Anchoring Post-Intercept Debris Prediction Tools

Release Date: 07-26-2012Open Date: 08-27-2012Due Date: 09-26-2012Close Date: 09-26-2012

OBJECTIVE: Develop and test techniques for collecting data from hyper-velocity missile intercepts for the anchoring of post-intercept debris (PID) models. DESCRIPTION: MDA continues to develop models to predict and understand the phenomenology of hyper-velocity missile intercepts. Missile intercept events produce complex debris environments whose morphology and density are a function of sever ...

SBIR Missile Defense Agency

10. MDA12-010: Antenna design in the Plasma Environment

Release Date: 04-24-2012Open Date: 05-24-2012Due Date: 06-27-2012Close Date: 06-27-2012

OBJECTIVE: Develop a tool to enable modeling and simulation and, in turn, design of antennas in a re-entry environment. Specifically, the goal is for a tool that provides the coupled prediction of the antenna performance in a plasma sheath. DESCRIPTION: The Missile Defense Agency flies a variety of ballistic missile targets for all elements of the Ballistic Missile Defense System. Dependi ...

SBIR Missile Defense Agency

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- Next
- Last

jQuery(document).ready(function() { (function ($) { $('#edit-keys').attr("placeholder", 'Search Keywords'); $('span.ext').hide(); })(jQuery); });